

Historical Natural Gas Annual 1930 Through 1996

October 1997

Energy Information Administration
Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

Contacts

The *Natural Gas Annual* is prepared by the Energy Information Administration, Office of Oil and Gas, Reserves and Natural Gas Division, under the direction of Joan E. Heinkel.

General information for this document may be obtained from Kendrick E. Brown, Jr. (202/586-6077), Chief of the Data Operations Branch. Questions and comments concerning the contents of the *Natural Gas Annual* may be directed to Ann M. Ducca (202/586-6137) and Margo Natof

(202/586-6303). Specific inquiries should be referred to the following subject specialists:

Supply.....	Audrey Corley	(202) 586-4804
	acorley@doe.eia.gov	
Transmission.....	Dolly Tolson	(202) 586-6664
	dtolson@doe.eia.gov	
Consumption.....	Sylvia Norris	(202) 586-6106
	snorris@doe.eia.gov	
Electronic versions.....	Sheila Darnell	(202) 586-6165
	sdarnell@doe.eia.gov	

Preface

The *Natural Gas Annual* provides information on the supply and disposition of natural gas to a wide audience including industry, consumers, Federal and State agencies, and educational institutions. This report, the *Historical Natural Gas Annual* presents historical data for the Nation from 1930-1996, and by State from 1967-1996.

The data in this publication are taken from surveys conducted by the Energy Information Administration (EIA), U.S. Department of Energy (DOE), to fulfill its responsibilities for gathering and reporting energy data. Two EIA surveys provide most of the information presented in this report—the mandatory Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition,” and the Form EIA-895, “Monthly Quantity and Value of Natural Gas Report.” Form EIA-176 was submitted by respondents out of an identified universe of operators of fields, wells, or natural gas processing plants who distribute gas to end users or transport gas to or across a State border; operators of synthetic natural gas plants; natural gas distributors; natural gas pipeline companies; and companies that operate underground natural gas storage facilities. Form EIA-895 was submitted by the appropriate agencies of the 33 natural gas producing States.

Data collected on Form EIA-176 are not proprietary. Selected company-level data are presented in the Demand section.

Other EIA surveys that provided information for this report are Forms EIA-816, “Monthly Natural Gas Liquids Report,” and EIA-64A, “Annual Report of the Origin of Natural Gas Liquids Production,” for gas processed, plant fuel, and extraction loss data; Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers,” for data on the citygate prices; Forms EIA-759, “Monthly Power Plant

Report,” and FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,” for data on the quantity and price of natural gas consumed by electric utilities; and Office of Fossil Energy, “Natural Gas Imports and Exports” for data on the quantity and price of natural gas imports and exports. The EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports* was the source of the reserves data.

Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The United States Geological Survey (USGS) and the United States Minerals Management Service (MMS) of the Department of the Interior were sources of supplemental information on production, the number of producing gas and gas-condensate wells, and wellhead values. The geographic coverage is the 50 States and the District of Columbia.

See Appendix A of the *Natural Gas Annual 1996* report for a description of the data collection surveys, the report methodology, and survey response rates. All volumes of natural gas in this publication are reported at 14.73 pounds per square inch absolute and 60 degrees Fahrenheit, except where noted. A glossary of terms is provided to assist users in understanding the data presented. Appendix A lists additional natural gas information sources.

The tables of data that appear in this report are available on personal computer diskettes and the Internet. Visit our World Wide Web Site at: <http://www.eia.doe.gov> or see the Contacts page for specific inquiries.

Contents

	Page
Historical Data	1
Appendix	
A. Selected Recurring Natural Gas and Related Reports	339
Glossary	343

Tables

1. Quantity and Average Price of Natural Gas Production in the United States, 1930-1996	3
2. Supply and Disposition of Natural Gas in the United States, 1930-1996	6
3. Natural Gas Consumption in the United States, 1930-1996	9
4. Average Price of Natural Gas Delivered to U. S. Consumers, 1967-1996	12
5. Gross Withdrawals and Marketed Production of Natural Gas by State, 1967-1996	13
6. Number of Producing Gas and Gas Condensate Wells by State as of December 31, 1967-1996	33
7. Wellhead Value and Marketed Production of Natural Gas by State, 1967-1996	37
8. Movements of Natural Gas by State, 1967-1996	55
9. Changes in Natural Gas Underground Storage by State, 1967-1975	85
10. Changes in Natural Gas Underground Storage by State, 1976-1979	91
11. Changes in Natural Gas Storage by State, 1980-1996	93
12. Supplemental Gas Supplies by State, 1980-1996	107
13. Natural Gas Production, Transmission, and Consumption by State, 1967-1996	118
14. Consumption of Natural Gas by State, 1967-1992	148
15. Consumption of Natural Gas by State, 1993-1996	174
16. Natural Gas Delivered to Consumers by State, 1967-1996	178
17. Firm Natural Gas Deliveries to Consumers by State, 1993-1996	238
18. Interruptible Natural Gas Deliveries to Consumers by State, 1993-1996	242
19. Natural Gas Deliveries to Commercial Consumers by State, 1993-1996	246
20. Natural Gas Deliveries to Industrial Consumers by State, 1993-1996	250
21. Natural Gas Deliveries to Electric Utilities by State, 1993-1996	254
22. Natural Gas Delivered to Consumers by Census Division, 1967-1996	259
23. Average Price of Natural Gas Delivered to U.S. Residential Consumers by State, 1967-1996	274
24. Average Price of Natural Gas Delivered to U.S. Commercial Consumers by State, 1967-1992	278
25. Average Price of Natural Gas Delivered to U.S. Commercial Consumers by State, 1993-1996	282
26. Prices of Natural Gas Deliveries to Commercial Consumers by State, 1993-1996	283
27. Average Price of Natural Gas Delivered to U.S. Industrial Consumers by State, 1967-1992	287
28. Average Price of Natural Gas Delivered to U.S. Industrial Consumers by State, 1993-1996	291
29. Prices of Natural Gas Deliveries to Industrial Consumers by State, 1993-1996	292
30. Average Price of Natural Gas Delivered to U.S. Vehicle Fuel Consumers by State, 1990-1996	296
31. Average Price of Natural Gas Delivered to U.S. Electric Utilities by State, 1967-1996	298
32. Prices of Natural Gas Deliveries to Electric Utilities by State, 1993-1996	302
33. Average Price of Natural Gas Delivered to All Consumers by State, 1967-1986	290
34. Average Consumption and Annual Cost of Natural Gas per Consumer by State, 1967-1989	309
35. Average Consumption and Annual Cost of Natural Gas per Consumer by State, 1990-1996	332

Illustrations

1. Natural Gas Supply and Disposition in the United States, 1965-1996	5
2. Natural Gas Delivered to Consumers in the United States, 1930-1996	8
3. Average Price of Natural Gas Delivered to U.S. Consumers, 1967-1996	11

